An 246 Ray 5+ <u> Inaugural Essay</u> Sourlulina Papa Morch 1828 For the degree of Dector of Medicine University & Pennsylvania Hudson S. Burres Naw Sersey. Vanuary 20 41020.

Franket in in . Oh. Sondatina authors, as little more provid the 83 Mis as Frin in rag d efud Mo ton, the Hudson & Bury ana Stalia gradually. mot ouris is I Hown When the

## Scarlatina or Scarlet Fever

Secrelet four is probably a disease of very modern engine. So mention of it is made by the ancient in Irabian authors, and the first line it is distinctly network is but little more than two hundred years ago. It has been surpresent that the centingen came engineally from Africage. So this at it may, it first broth out in a severe form in Juin in 1816, from whence it spread to happe, where in a grain in 1816, from whence it spread to happe, where in the appearance in Senten, and was discribed by Cocker Solveton, though not with the accurage of the first Grands and steeling necessary of the first Grands

In 1753 it broke out in America, and spreads gradually but Acroly over that continent, but of the most across accountainers in the history of he disease is the decount of its dispution.

When the scarlet four first appeared in Europe, it was in a sery malignant forms, but between the grant 1660

Q. Cult 9 5 With mbraed e a that of then the and 1670, a febrile disease attended with searlet irustion was observed by Sydenham in a forme singularly mild, disease with that which had previously occurred. Do Cullin believed it was specifically different. Dr. Withering states, that in his early practice he considered searlet fever and putrich some themat distinct diseases, requiring distinct mothers of treatment. More intarged experience however compelled him to renoun ce that opinion; and he says, that after paying asseducous attention to the Subject, by observing the disease in worm difference of season, exposure, age and but one species of desease; that the variations in ends and that their greatest differences are not greater than those of the destinct and confluent small-por." ("Gregory") I have not the least doubt heat it was

Sarla pland a then in. attechil en Pearle Ut. 5 27 6 3000 un Vocas and Putr Deurl tional de Dearla of Kusar and infle Dearla of the Jam <u>Secretativa</u> received its many from the proudenth flower appearance of the thin by which it is accompanied.

It is more prevalent in winter and in spring, Than in Summer and autumn, and more forgunity attacks obilaren than adults.

Scar latina is divided into three forms vive

16. Scarlatina Simpley.

24 Searlatina Anginesia 34 Searlatina Maliona, Has Hardforn is also casted Conancha Maliona or Districtor

and Putrice Sove throat.

Searlatina Simples is the simple constitu-

Searlating Anginera is a higher de gree of the same desease, the threat being swotten and instances.

Scarlatina Moligna is a still his her digree of the same disease, being of a Maly mant characters

The Throat gravior o period the rea there of the inter the shift the more serve of the lignant the trail face. The throat is inflamed in this species also.

These are the same disease in different degrees, they are related to each other as the distinct and confluent small pars by Johns million and typohus gravior and the several stages of bilious fewers Scarlating comes in with ancrein, shilings, ful new and tension of the head, prostration of strength, nausia and romiting, the skin is het flored or others wise according to the nature of the case. At this period the thinat is slightly inflamed, the longue ned, there is more on less of a catambial affectiones pain in the head, and sometimes a disturbance of the intellectual faculties. The disease being Hight the complaint will be " Simpler" when more severe "Anginosa" and when threatining Maligna".

In the malynant form of the disease, the patient becomes pale, sick and faint, the intellectual faculties confused, poarondial opposeries,

pa pitate contents Meto of su cling a hava. the dives and Jour the form The erry

palpitation of heart, uneasiness of stomach without varniting, its power being prostrated, its contents are however thrown up by a speadmodic Lingulturs. The surface is pale with spots of a livid on dark makegang here, the eyes exhibit a fatilities or instricted expression - death soon takes place, the system being overwhelmeds on sturned by a shock it cannot resiste. Such is the progress of a fatal case of Scarlatina swelling of the fances, the pulse then exhibits a character blonging to the commencement of the disease, the temperature of the body, thirst

The experim assume the from of new points on parthus which spread wer the assacret pant. It appears first on the head and neck, then

at is ads Hu it ma verstiere. tion of the 1 characti the dise. In meas inte mire corlecin extest of In the me doto part Harda. At is admitted that the susceptibility to attacks

Dugnesed , The only disease with which traver force we hall be be confounded in meacher . From thank may be distinguished by the character of the view the edwar of the strin, and the office ties of the fauci.

I character of the original forms the illeriscence of this disease appears querally in the second days. In meastles, selden till the fourth. In the Search live of its more full, spreads more and consists of manuscrafts points and speeds under the outside interviewed with minute purples, in some places forming continuous inregular patelus, in others coalising with a uniform fluth over a contidenable visitant be surface.

In the <u>nearly</u> the path is composed of circular dil, partly distinct, partly set in small clusters on patch is and a little clavated to as to give the persation of s

harches as in the Jean in the nece 3 a Hection is Nort, u delinate, p. tougo proted of 4- Alfer of the offer the reliang the offer offer of the oun tears, 6 reachness on passing the finger over them; other patches are the monthly of overcost with large interacting of presence of cutic la which ratain their news appearance. I clow of the options that what of a large like the his the that of a large like the in the measelet four is the that of a large like the large on the measelet of a dark resident form hits a complement

in the mearles of a dark readed brown lite a rappling, a different of the found the tralition, the course is the relation the course is thereto without representation; In mearles it is obtained, however, and attended with the discharge of a tough acrimonious philipm, coming up in our protest that

4. Affection of the oyel. In toarlatina, the neways of the oye is not attended with intelement of light, the extense of light, the extense glands on not affected and clong for they appear water and shiring they must conflow on making the internal light to dight, and the inflammation of the oyee made on the inflammation of the oyee and expedite is considerable. The year

In Scart tom crays the orus harly flor Drogno pea ance of panied in importecti Whom the for fines o In harlatina, de preseries annity and great weak, met attends the facer, in meader in flammatory type-time, cropsers the texphoid variety. The peculiarity of the tensus in scarlatina is a great diagnostic, it is heavily increased, and through this creat the papilla therety on and opposer peculiarly florid, this are considerably lary thouse in back cases.

Sironosis. Great prostration of strength, bene, distillition of accid sance from the face, purple opportunities with tack dought, and were partial with discrepan, permanent version or an imperfection or the cruyterne a charge of this flower case to a makey any order on a fatal or exceedingly dangerous ignificant show any appearance of recovery Merchin case is very mady next death with course of the total account of the total account the third or fourth day, but sometimes it largest forther or four such, but sometimes it largest forther or four such, but generally it may be said

that the p Att. turne Jaling of na and he to be vive bots in its When the une seem, a Dethoto this is into they the rien other that the patient is safe, if he payer the minth any of a standard to man at in are laterities or to the standard to the same of the standard property of the standard property of the standard processing of the same standard of the pulse; the falling of of the uterrations can stop and a standard process of the uterrations can step and a standard process of the uterrations can step and action of appetite.

Dissections the new membrane of the prime we and house is found much photogood that of the stemach is semitimes gave promount or protection of the viscory are also charmed, the board is implicated both in its meninger and in its superance.

Manthe theat has bun officeed patches of gangerine are seen, and which sometimes extend thereigh the whole alimentary can at to the anne. 29

Statherless. Scartatina is of fastion or give this a indicated by the anceria, namica and comting the appearance on dispetion continue this aims of the patheless of the disease. The other sognition calonel miet dia of tu ale taken in . the name lin that aga not 11. calculates are all seccondary

Dreatment. In its simple form Scarlatina calls for little medical aid: An Emetic of Specacu. anho or Fastan Courtie should be given: a purge of colomel followed by the neutral salts, and we the wild diaphoretics. In the Anginore form the treatment is more vegarous, attend to the oraccuation, of the alimentary canal, active vomiting with Fartar Emetic should be instituted, unless bleeding is culled for The Emelie practice is highly efferacioned, taken in the commencement, where the system has not been brought into a diseased state, Is effectual is the namedy in breaking up the train of merbid association that the attack of the disease offers no security against the recurrence of it, hence some physicians have his it ated in giving emetics.

The entire should be followed by purging with catomiet, this is the most proper purge with is but catomistic to present conjections of the abduminal

las atives appearance intercarty free jung to to, i affords Systemals in to e system next to this The warm. cene has ne. has been for

sweera which are very apt to vacuum Then the landines to keep them in a soluble state. The bowels having been cleansed, if the pulse is full and hard resort to V. S. the relief aforded by it the appearance of the blood, and its effects on the pulse Should direct the practitioner us to its propriety. The warm and cold bath have both been recommen. ded. Thave wed neither say prolesson Chapman"in the early and inflamatory stages of the disease, Tranging the body with oold water may be reserted to, it affords great relief immension in cold water is dijectionable us in some cases it has proved fatal Spongering with cold water when there is much energy in the system and heat of servace is preferable, and next to this dashing cold water on the body. The warm bath is recommended where the efflowercence has neceded or emperfectly come out; but what has been found very useful under such circumstances

But there To contine Wan appe a winth or not by dies esterion Conjuste indirated b allrative Vi leanse Jenice, the detergent g anculated her The is a blister to the gigaeteum and singiums to the lower extremities.

But there are local affections which also require cover when the thoust is affected relately himmund cover when the bearing and blistery are to be used.

Nam applications to the throat offerd or lie proposed potatoes marked and applied record the neck in a similar way. they act by dientify, the decade from the interior to the colorion

Conjustions of the abeterminal riscour, which are indicated by a sense of weight and pain and to be managed by topicale blenting, blesters, and the alterative we of navoury.

To chance the four alcoss of the throat counting is of some of the small is to be presented by the we of some delingent gaingle as a secretion if back with myork, acidelated barby water or an infusion of cayanira feep-

( Grana of de let fer mo derate In tions, be Je German histopsic; unkosed ing sted: storagen por un who as whelst the that if the Be layenne popper stable spendalls Common Salt 1 Webers water

Vinegar each Zvij.

Infuse and itrain, Jime a table spoon full as often as a regime. This is were as a gargle and grim internally by the practitioners of the west stroken in anyma makegna

The treatment of the maly mand form is marly the same the prime vie on to be warreted by an Emilie and a purps of catomel is to be given blooking is hardly over admirable them sinking comes on support the system by carbonate of themore, camples specific finguishing back and since, and the ordinary external applications.

Jons ofter the cure of the disease there are certain equals wheth may orgain attention: Deafrey may occur anxing point the last ochian took being inflamed and bridgered time remains this affection.

angino orme: the hardly w her freis Jong after

Olderna of the lower extremetics frequently follows Scarlet fever, the best treatment for this is bleeding moderate purging and the exhibition of Digitalis. this article will sometimes prove convently beneficial; frections, bandages and exercise are to be used. In Geomany, the use of the bella down a has been proposed as a preventine for this disease. Its author is Nahruman of Leipsic; Berndt of custoin dates that out of one hundred and ninety-fine cases of children under fourteen who took belladonna, and were freely exsposed to the contagion fourteen only were infected: and that when he afterwards used a stronger preparation of the arug, every one escapear all those expressed in families, who had the Searlatina and who did not take the medicine took the disease: whilst those who did, escaped. Other strong testimonies are given in its favour: Neveff of Der lin states That if the bella donna be taken in proper doses for eight or nine days before exprosure, the persons

at ack m. and if to \* E. med. a taking it an safe, the quantities given an own sends those grains of the extract are disclosed in an owner of friends to a child under induce ments and one drops men for every year above that, In general no effect is produced by it: Hometims homeworth produced an everytime like Wal of Sa latina; It much the attack more mild, if it due not present the disease, and if taken four in fine days before exposure the disease, and if taken four in fine days before exposure

<sup>&</sup>quot; Ed. med. and Surg. Journal January 1025.

